

s/n: 10/700,068
date: 9-1-04

217 (359/668).CCLS.	USPAT; US-PGPUB; IBM_TDB	9/1/04 7:3
68 1 and ((spherical or collimat\$5) same cylind\$5)	USPAT; US-PGPUB; IBM_TDB	9/1/04 7:4
24 2 and (fiber and (diode or laser or beam))	USPAT; US-PGPUB; IBM_TDB	9/1/04 7:4
1 6542314.PN.	USPAT	9/1/04 7:4
11408 beam adj shap\$5	USPAT; US-PGPUB; IBM_TDB	9/1/04 8:1
47189 ((spherical or collimat\$5) same cylind\$5)	USPAT; US-PGPUB; IBM_TDB	9/1/04 7:4
7969 ((spherical or collimat\$5) same cylind\$5) with lens	USPAT; US-PGPUB; IBM_TDB	9/1/04 7:4
335 5 same 7	USPAT; US-PGPUB; IBM_TDB	9/1/04 7:4
6100 ((359/642,641,668,793-795) or (385/52,31,33,38,34,92-94)).CCLS.	USPAT; US-PGPUB; IBM_TDB	9/1/04 7:4
17 8 and 9	USPAT; US-PGPUB; IBM_TDB	9/1/04 7:4
1460 fast with slow with axis	USPAT; US-PGPUB; IBM_TDB	9/1/04 8:5
21 5 same 11	USPAT; US-PGPUB; IBM_TDB	9/1/04 8:1
85 9 and 11	USPAT; US-PGPUB; IBM_TDB	9/1/04 8:5
5 6212216.URPN.	USPAT	9/1/04 9:0
("4214216" "4246548" "4503541" "4504950" "4583226"		
"4689797" "4730325" "4809288" "4852113" "4866724"		
"4995047" "4995050" "5012483" "5018831" "5027359"		
"5033054" "5050180" "5063570" "5163058" "5179548"		
"5272711" "5297154" "5299219" "5319659" "5392308"		
29 "5430748" "5438585" "5485481" "5572542").PN.	USPAT	9/1/04 9:1
1390 spherical with collimat\$5 with lens	USPAT; US-PGPUB; IBM_TDB	9/1/04 10:4
121 anamorph\$5 with focus with lens	USPAT; US-PGPUB; IBM_TDB	9/1/04 10:4
13 21 and 22	USPAT; US-PGPUB; IBM_TDB	9/1/04 10:4
4978 collimat\$5 with focus	USPAT; US-PGPUB; IBM_TDB	9/1/04 10:4
1580 24 and fiber and (axis or (vertical same lateral))	USPAT; US-PGPUB; IBM_TDB	9/1/04 10:4
244 9 and 25	USPAT; US-PGPUB; IBM_TDB	9/1/04 10:4
36 spherical with collimate with focus	USPAT; US-PGPUB; IBM_TDB	9/1/04 10:5
31 (anamorphic adj lens).ti.	USPAT; US-PGPUB; IBM_TDB	9/1/04 10:5
1 28 and (collimat\$5 same focus)	USPAT; US-PGPUB; IBM_TDB	9/1/04 10:5
385 master adj oscillator adj power adj amplifier	USPAT; US-PGPUB; IBM_TDB	9/1/04 15:4
10 25 and 30	USPAT; US-PGPUB; IBM_TDB	9/1/04 11:0
5 ("5870417" "6058128" "6125222" "6188705" "6226311").PN.	USPAT	9/1/04 11:0
18217 optical adj coupl\$5	USPAT; US-PGPUB; IBM_TDB	9/1/04 11:0
114318 optical with (coupl\$5 or align\$5)	USPAT; US-PGPUB; IBM_TDB	9/1/04 11:0
5863 optical with (coupl\$5 or align\$5) with lens with fiber	USPAT; US-PGPUB; IBM_TDB	9/1/04 11:0
optical with (coupl\$5 or align\$5) with lens with fiber with collimat\$5		
242 with focus\$5	USPAT; US-PGPUB; IBM_TDB	9/1/04 11:0
0 36 with sperical with cylind\$5	USPAT; US-PGPUB; IBM_TDB	9/1/04 11:0
1 36 with spherical with cylind\$5	USPAT; US-PGPUB; IBM_TDB	9/1/04 11:0
4 amorphic with spherical with cylind\$5	USPAT; US-PGPUB; IBM_TDB	9/1/04 11:0
65 9 and 36	USPAT; US-PGPUB; IBM_TDB	9/1/04 11:0
10 5031991.URPN.	USPAT	9/1/04 11:0

("Re33722" "4143940" "4203652" "4243399" "4253724"				
"4307409" "4327963" "4337531" "4370021" "4440470"				
"4495704" "4639075" "4674011" "4701013" "4708426"				
"4720632" "4722081" "4763979" "4775214" "4780877"				
"4784466" "4786132" "4799210" "4807954" "4832469"				
"4919506" "4921320" "4931637" "4948221" "4955025"				
"4966444" "4969702" "5031991" "5046817" "5054878"				
"5066092" "5080506" "5080706" "5088803" "5108167"				
"5140608" "5151810" "5181224" "5224111" "5237348"				
46	"5256851").PN.	USPAT		9/1/04 11:0
10	5031991.URPN.	USPAT		9/1/04 11:1
10	5031991.URPN.	USPAT		9/1/04 13:0
3	("3761184" "4671625" "4832464").PN.	USPAT		9/1/04 13:0
6	5701373.URPN.	USPAT		9/1/04 13:1
204	30 and fiber	USPAT; US-PGPUB; IBM_TDB		9/1/04 15:1
46	30 and (fiber same focus)	USPAT; US-PGPUB; IBM_TDB		9/1/04 15:1
13	30 and (fiber same focus same collimat\$5)	USPAT; US-PGPUB; IBM_TDB		9/1/04 15:4
4	60 and (planar same waveguide)	USPAT; US-PGPUB; IBM_TDB		9/1/04 15:4
7	59 and (planar same waveguide)	USPAT; US-PGPUB; IBM_TDB		9/1/04 15:4
3	62 not 61	USPAT; US-PGPUB; IBM_TDB		9/1/04 15:4
551	(master adj oscillator adj power adj amplifier) or MOPA	USPAT; US-PGPUB; IBM_TDB		9/1/04 15:4
12	9 and 64	USPAT; US-PGPUB; IBM_TDB		9/1/04 15:4
6100	((359/642,641,668,793-795) or (385/52,31,33,38,34,92-94)).CCLS.	USPAT; US-PGPUB; IBM_TDB		9/1/04 7:4
26	4475788.URPN.	USPAT		8/31/04 17:1
15	4564268.URPN.	USPAT		8/31/04 17:1
14	5319496.URPN.	USPAT		8/31/04 17:1
("4180325" "4606622" "5243619" "5294971" "5319496"				
8	"5352886" "5825476" "5896194").PN.	USPAT		8/31/04 17:0
("4884281" "5168401" "5243619" "5418880" "5825551"				
"5887096" "5987794" "6044096" "6151168" "6243210"				
11	"6529542" "2002/0015558" "2002/0159156").PN.	USPAT		8/31/04 17:0
6	6151168.URPN.	USPAT		8/31/04 17:0
13	5243619.URPN.	USPAT		8/31/04 17:0
("4061814" "4738532" "5168401" "5243619" "5369661"				
9	"5418880" "5515391" "5517328" "5544184").PN.	USPAT		8/31/04 16:5
("3396344" "4185891" "4318594" "4530574" "4655590"				
"4707584" "4763975" "4818062" "4826269" "4978197"				
"4990741" "5066100" "5120926" "5127068" "5168401"				
"5258989" "5268978" "5365032" "5463534" "5541951"				
24	"5715270" "5717804" "5886313" "6044096").PN.	USPAT		8/31/04 16:4
("3396344" "4530574" "4547038" "4822151" "5058981"				
8	"5216562" "5369661" "5453814").PN.	USPAT		8/31/04 16:4
("3974507" "4203652" "4253735" "4318594" "4530574"				
7	"4589115" "4656641").PN.	USPAT		8/31/04 16:4
("3317267" "3701044" "4203652" "4235507" "4246548"				
"4253735" "4255717" "4272651" "4280108" "4306278"				
12	"4318594" "4323297").PN.	USPAT		8/31/04 16:4
23	4530574.URPN.	USPAT		8/31/04 16:4
("3701044" "3974507" "4203652" "4253735" "4255717"				
8	"4318594" "4323297" "4530574").PN.	USPAT		8/31/04 16:4
26	4318594.URPN.	USPAT		8/31/04 16:3
(collimat\$4 with lens) and (cylindrical with lens) and (diode same fiber				
15	same x\$2axis same y\$2axis)	USPAT; US-PGPUB; IBM_TDB		8/31/04 16:3
1	("5319528").PN.	USPAT; US-PGPUB; IBM_TDB		8/31/04 16:3

("3273072" "3590248" "3736518" "4185891" "4293827" "4318594" "4397525" "4475788" "4520471" "4575194" "4609258" "4641912" "4643538" "4681396" "4688884" "4689482" "4701005" "4725131" "4726645" "4732448" "4759616" "4761059" "4763975" "4768184" "4770653" "4791631" "4807954" "4813762" "4901330" "4905690" 32 "4922502" "5081637").PN. (((359/642,641,668,793-795) or (385/52,31,33,38,34,92-94)).CCLS.)	USPAT	8/31/04 16:3
15 and (lens same astigmat\$5 same axis same fiber) ("4203652" "4235507" "4318594" "4530574" "4744089" "4951293" "4953166" "5003550" "5088105" "5111153" "5175643" "5237636" "5249190" "5265116" "5270853" 16 "5278851").PN. 19 4942583.URPN. 23 4530574.URPN. 40 4203652.URPN. ("2303113" "3652150" "3749477" "3751138" "4017160" "4203652" "4253735" "4318594" "4362367" "4530574" "4744073" "5095386" "5181224" "5467335" "5499262" 19 "5844723" "5973853" "6088168" "6088170").PN. 49 lens same astigmat\$5 same axis same fiber	USPAT; US-PGPUB; IBM_TDB	8/31/04 16:3
	USPAT	8/31/04 16:2
	USPAT	8/31/04 16:0
	USPAT	8/31/04 15:5
	USPAT	8/31/04 15:5
	USPAT	8/31/04 15:5
	USPAT; US-PGPUB; IBM_TDB	8/31/04 15:5